INDEX

Alehossein, H. *See* Qin, Bremhorst, Alehossein & Meyer

Antuono, M., Brocchini, M. & Grosso, G. Integral properties of the swash zone and averaging. Part 3. Longshore shoreline boundary conditions for wave-averaged nearshore circulation models, 399–415

Barthès-Biesel, D. *See* Lac, Morel & Barthès-Biesel

Blackburn, H. M. & Sherwin, S. J. Instability modes and transition of pulsatile stenotic flow: pulse-period dependence, 57–88

Bremhorst, K. *See* Qin, Bremhorst, Alehossein & Meyer

Brocchini, M. *See* Antuono, Brocchini & Grosso

Bühler, O. Impulsive fluid forcing and water strider locomotion, 211–236

Chakraborty, S. *See* Kate, Das & Chakraborty

Chepushtanova, S. V. & Kliakhandler, I. L. Slow rupture of viscous films between parallel needles, 297–310

Clercx, H. J. H. *See* Wells, Clercx & van Heijst

Cowen, E. A. *See* Monismith, Cowen, Nepf, Magnaudet & Thais

Das, P. K. *See* Kate, Das & Chakraborty

Dipankar, A., Sengupta, T. K. & Talla, S. B. Suppression of vortex shedding behind a circular cylinder by another control cylinder at low Reynolds numbers, 171–190

Dorner, D. *See* Varnik, Dorner & Raabe

Ern, P. *See* Fernandes, Risso, Ern & Magnaudet

Fan, L.-S. *See* Ge & Fan

Fernandes, P. C., Risso, F., Ern, P. & Magnaudet, J. Oscillatory motion and wake instability of freely rising axisymmetric bodies, 479–502

Fife, P. *See* Wei, Fife & Klewicki

Ge, Y. & Fan, L.-S. Droplet–particle collision mechanics with film-boiling evaporation, 311–337

Grosso, G. *See* Antuono, Brocchini & Grosso

Hasan, N. & Sanghi, S. Proper orthogonal decomposition and low-dimensional modelling of thermally driven two-dimensional flow in a horizontal rotating cylinder, 265–295

van Heijst, G. J. F. *See* Wells, Clercx & van Heijst

Kate, R. P., Das, P. K. & Chakraborty, S. Hydraulic jumps due to oblique impingement of circular liquid jets on a flat horizontal surface, 247–263

Klewicki, J. *See* Wei, Fife & Klewicki

Kliakhandler, I. L. *See* Chepushtanova & Kliakhandler

Lac, E., Morel, A. & Barthès-Biesel, D. Hydrodynamic interaction between two identical capsules in simple shear flow, 149–169

Liu, X & Marshall, J. S. Amplification of three-dimensional perturbations during parallel vortex–cylinder interaction, 457–478

Loewen, M. R. *See* Siddiqui & Loewen

Magnaudet, J. *See* Fernandes, Risso, Ern & Magnaudet; Monismith, Cowen, Nepf, Magnaudet & Thais

Marshall, J. S. *See* Liu & Marshall

Mestel, A. J. *See* Zabielski & Mestel

INDEX

Alehossein, H. *See* Qin, Bremhorst, Alehossein & Meyer

Antuono, M., Brocchini, M. & Grosso, G. Integral properties of the swash zone and averaging. Part 3. Longshore shoreline boundary conditions for wave-averaged nearshore circulation models, 399–415

Barthès-Biesel, D. *See* Lac, Morel & Barthès-Biesel

Blackburn, H. M. & Sherwin, S. J. Instability modes and transition of pulsatile stenotic flow: pulse-period dependence, 57–88

Bremhorst, K. *See* Qin, Bremhorst, Alehossein & Meyer

Brocchini, M. *See* Antuono, Brocchini & Grosso

Bühler, O. Impulsive fluid forcing and water strider locomotion, 211–236

Chakraborty, S. *See* Kate, Das & Chakraborty

Chepushtanova, S. V. & Kliakhandler, I. L. Slow rupture of viscous films between parallel needles, 297–310

Clercx, H. J. H. *See* Wells, Clercx & van Heijst

Cowen, E. A. *See* Monismith, Cowen, Nepf, Magnaudet & Thais

Das, P. K. *See* Kate, Das & Chakraborty

Dipankar, A., Sengupta, T. K. & Talla, S. B. Suppression of vortex shedding behind a circular cylinder by another control cylinder at low Reynolds numbers, 171–190

Dorner, D. *See* Varnik, Dorner & Raabe

Ern, P. *See* Fernandes, Risso, Ern & Magnaudet

Fan, L.-S. *See* Ge & Fan

Fernandes, P. C., Risso, F., Ern, P. & Magnaudet, J. Oscillatory motion and wake instability of freely rising axisymmetric bodies, 479–502

Fife, P. *See* Wei, Fife & Klewicki

Ge, Y. & Fan, L.-S. Droplet–particle collision mechanics with film-boiling evaporation, 311–337

Grosso, G. *See* Antuono, Brocchini & Grosso

Hasan, N. & Sanghi, S. Proper orthogonal decomposition and low-dimensional modelling of thermally driven two-dimensional flow in a horizontal rotating cylinder, 265–295

van Heijst, G. J. F. *See* Wells, Clercx & van Heijst

Kate, R. P., Das, P. K. & Chakraborty, S. Hydraulic jumps due to oblique impingement of circular liquid jets on a flat horizontal surface, 247–263

Klewicki, J. *See* Wei, Fife & Klewicki

Kliakhandler, I. L. *See* Chepushtanova & Kliakhandler

Lac, E., Morel, A. & Barthès-Biesel, D. Hydrodynamic interaction between two identical capsules in simple shear flow, 149–169

Liu, X & Marshall, J. S. Amplification of three-dimensional perturbations during parallel vortex–cylinder interaction, 457–478

Loewen, M. R. *See* Siddiqui & Loewen

Magnaudet, J. *See* Fernandes, Risso, Ern & Magnaudet; Monismith, Cowen, Nepf, Magnaudet & Thais

Marshall, J. S. *See* Liu & Marshall

Mestel, A. J. *See* Zabielski & Mestel

Meyer, T. *See* Qin, Bremhorst, Alehossein & Meyer

Monismith, S. G., Cowen, E. A., Nepf, H. M., Magnaudet, J. & Thais, L. Laboratory observations of mean flows under surface gravity waves, 131–147

Morel, A. *See* Lac, Morel & Barthès-Biesel

Nepf, H. M. *See* Monismith, Cowen, Nepf, Magnaudet & Thais

Ng, C.-O. & Zhang, X. Mass transport in water waves over a thin layer of soft viscoelastic mud, 105–130

Qin, Z., Bremhorst, K., Alehossein, H. & Meyer, T. Simulation of cavitation bubbles in a convergent–divergent nozzle water jet, 1–25

Raabe, D. *See* Varnik, Dorner & Raabe

Risso, F. *See* Fernandes, Risso, Ern & Magnaudet

Sakuraba, A. A jet-like structure revealed by a numerical simulation of rotating spherical-shell magnetoconvection, 89–104

Sanghi, S. *See* Hasan & Sanghi

Schoof, C. Marine ice-sheet dynamics. Part 1. The case of rapid sliding, 27–55

Sengupta, T. K. *See* Dipankar, Sengupta & Talla

Sherwin, S. J. *See* Blackburn & Sherwin

Siddiqui, M. H. K. & Loewen, M. R. Characteristics of the wind drift layer and microscale breaking waves, 417–456

Talla, S. B. *See* Dipankar, Sengupta & Talla

Thais, L. *See* Monismith, Cowen, Nepf, Magnaudet & Thais

Varnik, F., Dorner, D. & Raabe, D. Roughness-induced flow instability: a lattice Boltzmann study, 191–209

Wei, T., Fife, P. & Klewicki, J. On scaling the mean momentum balance and its solutions in turbulent Couette–Poiseuille flow, 371–398

Wells, M. G., Clercx, H. J. H. & van Heijst, G. J. F. Vortices in oscillating spin-up, 339–369

Zabielski, L. & Mestel, A. J. A double-helix laminar dynamo, 237–246

Zhang, X. *See* Ng & Zhang